

ABSTRAK

AISYAH RAHMAWATI MATONDANG. Pengembangan Media Pembelajaran *Flip Down* Pada Materi Perkalian Bilangan Cacah di Kelas IV SDS Pelangi Medan. Skripsi. Medan: Fakultas Ilmu Pendidikan. Universitas Negeri Medan. 2026.

Penelitian ini dilatarbelakangi oleh rendahnya hasil belajar siswa pada materi perkalian bilangan cacah serta penggunaan media pembelajaran konkret belum digunakan dalam proses pembelajaran matematika. Penelitian ini bertujuan untuk mengembangkan, menguji kelayakan, kepraktisan, dan keefektifan media pembelajaran konkret berupa *Flip Down* untuk meningkatkan hasil belajar siswa kelas IV Sekolah Dasar. Jenis penelitian ini merupakan penelitian dan pengembangan (*Research and Development*) dengan menggunakan model ADDIE yang terdiri dari lima tahap, yaitu *analysis*, *design*, *development*, *implementation*, dan *evaluation*. Subjek dalam penelitian ini adalah siswa kelas IV SDS Pelangi Medan yang berjumlah 20 orang, terdiri dari 10 siswa laki-laki dan 10 siswa perempuan. Teknik pengumpulan data yang digunakan meliputi wawancara, angket (kuesioner), tes, dan dokumentasi. Analisis data dilakukan secara kualitatif dan kuantitatif. Hasil penelitian menunjukkan bahwa: (1) Uji kelayakan media memperoleh kategori “Sangat Layak Digunakan”, dengan persentase validasi ahli media tahap I sebesar 84% dan tahap II sebesar 90%, serta validasi ahli materi berada pada kategori “Sangat Layak Digunakan”. (2) Uji kepraktisan memperoleh persentase 94% berdasarkan respon guru dan 93% berdasarkan respon siswa, keduanya dalam kategori “Sangat Praktis Digunakan”. (3) Uji keefektifan menunjukkan adanya peningkatan hasil belajar, dengan rata-rata nilai *pre-test* sebesar 51,75 dan *post-test* sebesar 88,75. Hasil perhitungan N-Gain sebesar 0,7759 termasuk dalam kategori “Tinggi”, sehingga media *Flip Down* dinyatakan efektif dalam meningkatkan hasil belajar siswa.

Kata Kunci: *Flip Down*, Media Konkret, Matematika, Perkalian Bilangan Cacah

ABSTRACT

AISYAH RAHMAWATI MATONDANG. Development of Flip Down Learning Media on Whole Number Multiplication Material in Grade IV at SDS Pelangi Medan. Skripsi. Medan: Faculty of Education. State University of Medan. 2026.

This research was motivated by students' low learning outcomes in whole number multiplication material and the limited use of concrete learning media in mathematics instruction. This study aims to develop, examine the feasibility, practicality, and effectiveness of a concrete learning media called Flip Down to improve the learning outcomes of fourth-grade elementary school students. This research employed a Research and Development (R&D) method using the ADDIE model, which consists of five stages: analysis, design, development, implementation, and evaluation. The subjects of this study were 20 fourth-grade students of SDS Pelangi Medan, consisting of 10 male students and 10 female students. Data collection techniques included interviews, questionnaires, tests, and documentation. The data were analyzed using both qualitative and quantitative methods. The results of the study indicate that: (1) The feasibility test of the media was categorized as "Highly Feasible for Use," with media expert validation scores of 84% in the first stage and 90% in the second stage, while material expert validation was also categorized as "Highly Feasible for Use." (2) The practicality test obtained a percentage of 94% based on the teacher's response and 93% based on students' responses, both categorized as "Highly Practical for Use." (3) The effectiveness test showed an improvement in learning outcomes, with an average pre-test score of 51.75 and a post-test score of 88.75. The N-Gain calculation result was 0.7759, categorized as "High," indicating that the Flip Down media is effective in improving students' learning outcomes.

Keywords: Flip Down, Concrete Learning Media, Mathematics, Whole Number Multiplication.